

AMENDMENTS TO THE CLAIMS

1-13. (Canceled)

14. (Currently Amended) A print cartridge comprising:
a housing mechanically interoperable with printing systems of a plurality of printing system families;
means for ejecting fluid disposed on the housing; and
means for electrically coupling to a printing system, the means for electrically coupling including means for permitting detection of installation of the print cartridge and means for permitting operation of the means for ejecting fluid, wherein the means for permitting detection of installation of the print cartridge comprises means for sensing a temperature of the print cartridge.

15. (Currently Amended) The print cartridge of claim 14, wherein the means for permitting operation of the means for ejecting fluid comprises a plurality of uniquely positioned contact areas and the means for permitting detection of installation of the print cartridge comprises a plurality of commonly positioned contact areas.

16. (Canceled)

17-25. (Canceled)

Serial No.: 10/698,088
Art Unit: 2853

26. (Previously Presented) A print cartridge comprising:
a cartridge body having a lower portion and a vertical wall;
a printhead coupled with the lower portion; and
a contact array comprising a plurality of contact areas disposed on the vertical wall, the contact array being one selected from a group comprising a first contact array that has a first layout of contact area locations, and a second contact array that has a second layout of contact area locations, wherein a portion of the contact area locations of the first layout and a portion of the contact area locations of the second layout are the same, and another portion of the contact area locations of the first layout and another portion of the contact area locations of the second layout are different, and wherein the another portion of the contact area locations of the first layout and the another portion of the contact area locations of the second layout are coupled to provide identification information for the print cartridge.

27. (Previously Presented) The print cartridge of claim 26, wherein the another portion of the contact area locations of the first layout and the another portion of the contact area locations of the second layout include some of the same contact area locations.

28. (Previously Presented) The print cartridge of claim 26, wherein the another portion of the contact area locations of the first layout and the another portion of the contact area locations of the second layout do not include some of the same contact area locations.

29. (Previously Presented) The print cartridge of claim 28, wherein the portion of the contact area locations of the first layout and the second layout is coupled to a component selected from the group consisting of temperature sense resistors, inactive contacts, and ground contacts.

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30. (Original) The print cartridge of claim 26, wherein first layout includes a first pair of columnar arrays of contact areas and a second pair of columnar arrays of contact areas disposed on the vertical wall, the columnar arrays of each pair converging toward each other in a direction toward the lower portion of the cartridge body.

31. (Original) The print cartridge of claim 26, wherein the first layout and the second layout each has a width of less than about 12 mm.

32. (Original) The print cartridge of claim 26, wherein a number of contact areas in the portion of the first layout and the second layout are a same in number.

33-34. (Canceled)